

**COMBINED DECLARATION AND POWER OF ATTORNEY***ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL*

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: Original

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**WAVELENGTH DISTRIBUTION ARCHITECTURE AND IMPLEMENTATION FOR A  
PHOTONICALLY SWITCHED NETWORK**

**SPECIFICATION IDENTIFICATION**

the specification of which:

■ is attached hereto.

**ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. § 1.56(a).

**PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application No. | Date of Filing<br>dd/mm/yyyy | Priority Claimed<br>Under 37 USC 119 |
|---------|-----------------|------------------------------|--------------------------------------|
|---------|-----------------|------------------------------|--------------------------------------|

ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application No. | Date of Filing |
|---------|-----------------|----------------|
|---------|-----------------|----------------|

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status (patented, pending, abandoned) |
|------------------------|-------------|---------------------------------------|
|------------------------|-------------|---------------------------------------|

#### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*List name(s) and registration number(s)*)

Bruce Dudley, Registration No. 24,634  
Ivan Straznický, Registration No. 26,119  
John W. Ross, Registration No. 26,436  
Frank I. Pole, Registration No. 26,118  
Judy A. Erratt, Registration No. 34,076  
Bruce E. Morgan, Registration No. 31,911  
Eli J. McKhool, Registration No. 20,778  
Anthony G. Greber, Registration No. 33,571

T. Gary O'Neill, Registration No. 36,355  
John D. Harris, Registration No. 39,465  
Ikuko Wada, Registration No. 43,432  
Dallas F. Smith, Registration No. 34,074  
Ed Rymek, Registration No. 26,644  
Hélène D'Iorio, Registration No. 39,074  
Konrad Sechley, Registration No. 40,454

- Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

Gowling Lafleur Henderson LLP  
160 Elgin Street, Suite 2600  
Ottawa, Ontario, Canada, K1P 1C3

Telephone: (613) 233-1781  
Facsimile: (613) 563-9869

DIRECT TELEPHONE CALLS TO:  
(*Name and telephone number*)

Dallas F. Smith  
(613) 783-8827

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE (s)

Full name of first inventor:

GRAVES, Alan F.

Country of Citizenship:

Canada

Residence Address:

22 Appaloosa Drive, Kanata, ON K2M 1N7

Post Office Address:

Same

Date:

May 16 2001

Signature:

Alan F. Graves

Full name of second inventor:

WATKINS, John H.

Country of Citizenship:

~~Canada~~ AUSTRALIAN

Residence Address:

19 Laurel Street, Ottawa, ON K1R 6T8

Post Office Address:

Same

Date:

May 16 2001

Signature:

John H. Watkins

09870665-060101